

# FOLIO

UNIVERSITY OF ALBERTA  
13 JANUARY 1995



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## Cleaning up contaminated soils focus of massive research program

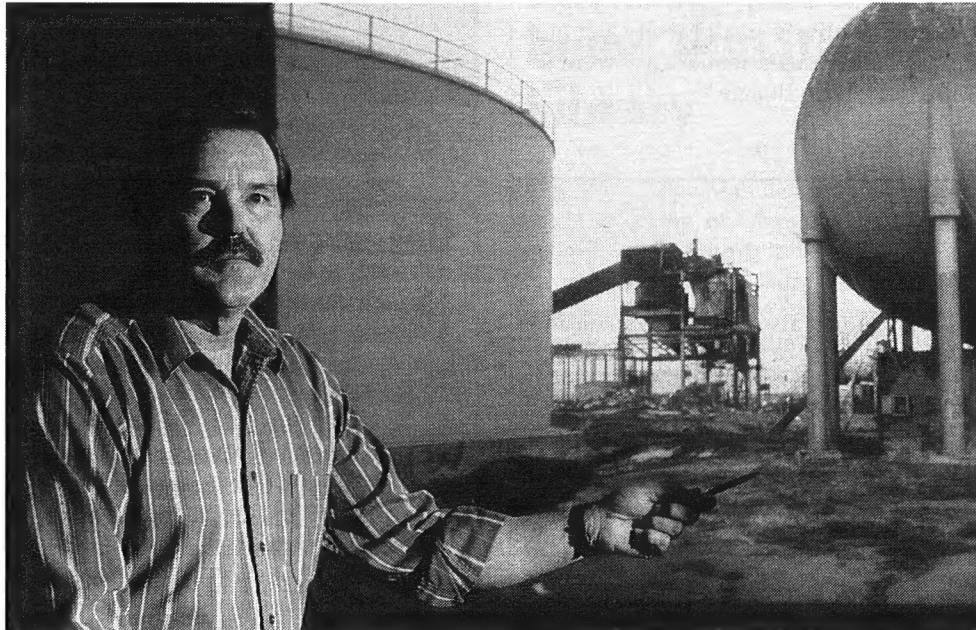
**Biggest grant ever awarded by ICST goes to U of A researchers**

By Michael Robb

Cleaning up contaminants in soils can be an expensive proposition. And with industry under increasing pressure to adhere to ever-more stringent environmental standards set by governments, it's no wonder that industry is turning to researchers to develop less costly and more effective ways of cleaning up.

A team of University of Alberta scientists led by six principal researchers has been awarded close to three-quarters of a million dollars over three years by the Natural Sciences and Engineering Research Council and the Institute for Chemical Science and Technology to develop soil remediation techniques that will help extract organic contaminants from soils and return those soils to a useable state.

Soil Science Professors Marvin Dudas, William McGill and Yongsheng Feng, Microbiology Professors Phillip Fedorak and Michael Pickards and Chemical Engineering Professors Murray Gray and Jacob Masliyah will be backed up by a host of research associates, postdoctoral fellows, professors and graduate students. They will tackle the problem on three primary fronts. First, they want to examine what controls binding of contaminants to soils and what can be done to unlock those bonds.



Soil scientist Marvin Dudas

The second task is to find families of microbial organisms and create conditions in which those organisms will help promote the biodegradation of the contaminants.

Third, the researchers want to get these processes to work over reasonable periods of time. Once they've shown how it can

work, they want to scale up the processes, so large volumes of contaminated soil can be cleaned up. It's one thing to develop ways of dealing with contaminated soils, but it's a much more difficult proposition to clean up huge oil spills in a timely and economically feasible way.

The soil scientists will examine the physical chemistry; the microbiologists will develop microbial consortia; and the chemical engineers will attempt to scale up the processes.

"Bioremediation has been around for a long time, but its success rates haven't been high," explains Dr Dudas. "But the potential is high," he said, pointing out that some bioremediation techniques have been ill-suited to some conditions. The researchers, therefore, hope to be able to say to industry, not only what will work, but, what won't work.

The team will be working with contaminated soil samples from this province, Saskatchewan and Quebec.

Industry has a big stake in the research, says Dr Dudas. Soil contamination in western Canada, for example, is common at most refineries, gas processing plants, petrochemical plants, creosote-based wood treatment facilities and wellhead sites. With that in mind it's not surprising that ICST has awarded the research team the largest single grant in its history. ICST has allocated \$148,000 a year for three years and NSERC is contributing \$100,000 a year for three years. (ICST has been expanded to include more corporate members and is now called Envi-

*Continued on page 2*

## Software package, *AIDS in Canada*, developed by student and health educator

**U of A shareware hits the information superhighway**

By Michael Robb

Chris and Terry met at a school dance. They had sex without a condom.

Chris was infected with the human immunodeficiency virus (HIV) for three years without knowing it. Over a five-year period, he spent many months in the hospital and, at age 26, died eight years after meeting Terry. Terry got HIV and seven years later was diagnosed with acquired immune deficiency syndrome (AIDS). Three years after the AIDS diagnosis, Terry, at age 29, also died.

It's a story Lori Isberg felt compelled to include in her computer software program that she produced for her educational psychology course, Introduction to Computer Assisted Instruction, taught by Stephen Hunka. An adapted and enhanced version of that software is now on the Internet as a piece of shareware.

Isberg, a peer health educator for University Health Services, showed the software to Health Education Coordinator Judy Hancock. Both agreed it could be further developed. Four versions, adaptable to the Macintosh and Windows environments,

have now been produced: AIDS at the University of Alberta, AIDS in Edmonton, AIDS in Alberta, and AIDS in Canada.

"As far as we can determine we are the first university to develop the interactive HIV/AIDS educational software package," says Hancock. The program includes information on the stages of HIV, prevalence of HIV and AIDS, how the disease is spread, methods of prevention and testing and resources. It's interactive; quizzes are part of the program.

The project was a natural extension of Isberg's work over a three-year period as a peer educator. "I certainly knew the material [about the disease]." And both Isberg and Hancock believed the software would be another effective way of educating people about the deadly disease.

"I hope we can reach people who we wouldn't normally reach by other methods," says Hancock, who coordinates a variety of other programs on campus designed to educate students about the dangers of sexually transmitted diseases. She points out that there are increasing numbers of people who

are interested in computers and may be motivated to learn about the diseases from this computer-based program. It's another teaching tool, adds Isberg, who has now graduated.

Both Isberg and Hancock say education is important. Many complacent people still believe that AIDS is specific to gay men. Not so, says Hancock. Young, university-aged people are particularly vulnerable. As of 30 June 1994, there were 207 cases of AIDS in Edmonton (137 of those afflicted are now dead). And for every AIDS case, experts estimate that between six and 12 people are infected with HIV (there's no way of knowing exactly). Based on the University of Alberta's population, there are likely about 100 students on campus who are infected with HIV.

The shareware program is attracting a lot of attention. "It has been posted in various electronic locations literally around the world, and we have sent it on request to people in Berlin, South Africa, New Zealand, Denmark, Canada and the United States," says Hancock. "The ease of access-

ing the software through the Internet from all over the world makes it impossible to track just how widely the program is being used."

The program is also going to be the basis for other programs, for example, on alcohol and eating disorders. And University Health Services is exploring the possibility of collaborating with someone in the States to produce an American version.

## Klein to speak on Alberta's future

Premier Ralph Klein will address Albertans Tuesday, 17 January, at 7 pm. Locally, ITV is carrying the Premier's 30-minute talk on what the future of Alberta will look like and people's concerns about that future.

The format of the program is similar to that of the Premier's January 1994 address.

Transcripts can be obtained by calling 1-800 883-5551 after the program concludes.



# Padfield and Slack appointed Associate Deans

## Part of Physical Education's restructuring plan

By Sandra Halme

As part of its major restructuring plan, the Faculty of Physical Education and Recreation has appointed two Associate Deans, both from the Department of Physical Education and Sport Studies.

Marsha Padfield is responsible for undergraduate programs and Trevor Slack is responsible for graduate programs and research matters (Dr Slack is on leave and Len Wankel is filling in for the next six months). Both took up their new duties on 1 January.

The Associate Deans have significant responsibility and authority for staffing, budgeting, staff evaluation, and program development and evaluation in their areas.

Restructuring has resulted in fewer administrative positions in the Faculty. Those positions eliminated include one Chair, two Associate Chairs and a Director of Sport and Leisure Studies. There are now four

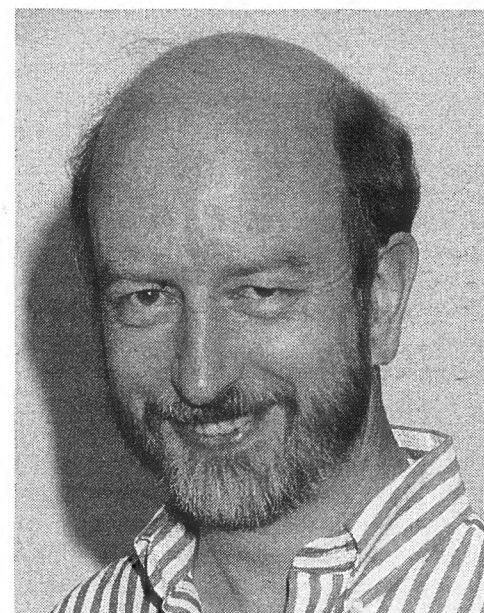
program areas: undergraduate; research and graduate; athletics and recreation; and operations.

In light of budget reductions, Dean Art Quinney established a Task Force on Faculty Restructuring. The task force, under the chairmanship of Associate Dean Tim Burton, presented its report to Dr Quinney in December 1993. In recommending reorganization into a nondepartmentalized structure, the task force said there was compelling evidence that such a move would benefit the Faculty economically and in terms of efficiency.

"I'm very pleased with the positive response this restructuring process has received in the Faculty," Dr Quinney says. "We are a relatively small Faculty and our reorganization was essential if we were to realize long-term change."



Marsha Padfield



Trevor Slack

## Soils project

Continued from page 1

ronmental Science and Technology Alliance Canada.)

ESTAC corporate members are anxious to develop improved methods of destroying oily wastes through land farming, composting, pile treatment or bioreactors, and this project, say the researchers, will help do that.

"This project also provides for considerable involvement of graduate students [12 so far] and research associates in a setting that allows cross-disciplinary interaction and collaboration," Dr Gray says. "Skills and expertise developed through this kind of collaboration are a major advantage in meeting employment needs in the environmental area."

## Research a key component of Installation Week

Prominent among Installation Week events is the Celebration of Research Excellence.

Michael James (Biochemistry), Stéphane Lemelin (Music), Norbert Morgenstern (Civil Engineering), and Alice Nakamura (Business) will give brief presentations on their particular (research) calling.

Faculty, students, staff and friends of the University are invited to join President Rod Fraser and many others for the event, to be held Monday, 16 January, from noon to 1 pm in the Alumni Wall of Recognition Room, main floor, Students' Union Building. Light refreshments will be served.

## FOLIO

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OFFICE OF PUBLIC AFFAIRS,  
400 ATHABASCA HALL  
UNIVERSITY OF ALBERTA, EDMONTON,  
ALBERTA T6G 2E8  
TEL: (403) 492-2325 FAX: 492-2997  
PROFS - ZZOPA

All enquiries and correspondence should be directed to:  
RON THOMAS: Editor  
MICHAEL ROBB: Assistant Editor

TONY MYERS: Director, Office of Public Affairs

#### CONTRIBUTORS:

Judy Goldsand  
Dinah Gray  
Sandra Halme  
Tony Myers  
Elsa Roehr  
Astrid Sneddon

Graphic Design: Ray Au

Public Affairs produces *Folio* on a regular basis for employees and volunteers at the University of Alberta.

*Folio's* mandate is to serve as a credible news source for internal audiences by communicating accurate and timely information about issues, programs, people and events.

#### DEADLINES:

Notice of coming events: 9 am three weeks in advance of event. Classified advertisements: 3 pm one week before desired publication date. This date also serves as the deadline for cancellation of advertisements.

Advertisements cost 40 cents per word with no discount for subsequent insertions. There is a limit of 40 words and a minimum charge of \$2.00. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Display advertisements: 3 pm Friday, seven days before desired publication date. Camera-ready artwork is required to size, complete with halftones if necessary. Call 492-0436 for sizes, rates and other particulars.

The editor reserves the right to limit, select, edit and position submitted copy and advertisements. Views expressed in *Folio* do not necessarily reflect University policy. *Folio* contents may be reprinted with acknowledgment.

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## Conference will focus on serving whole student

The 11th annual student advisors' conference will take place 23 January at the Stollery Centre. This year's theme is "In the Midst of Change".

The conference will be opened by University President Rod Fraser and Students' Union President Suzanne Scott. The morning plenary session will be on serving the whole student. Six sessions are planned for the afternoon. They include topics such as

the first-year experience, student stress levels, suicide and crisis intervention, appeals and grievances, a day in the life of a student service provider, student loans and income-contingent repayment plans.

For more information on the conference, call Sean Kennedy, Dean of Students' Office, 492-9586. Confirmation deadline is 19 January.

## Book looks at the politics of trees

By Elsa Roehr

A paper-hungry world led Japanese companies to cast eager eyes on Alberta trees. The result is the subject of a new book by two Political Science professors.

In *The Last Great Forest: Japanese Multinationals and Alberta's Northern Forests*, Professor Larry Pratt and Assistant Professor Ian Urquhart focused on the mills that received the greatest amount of public opposition: Daishowa Inc and Alberta Pacific Forest Industries Inc, commonly known as AlPac.

"We gave away one of the world's greatest resources to six or seven entities," says Dr Pratt.

"There were other alternatives."

"What we were looking at is the questions of why were Japanese nationals looking at Alberta's forests, why was the Alberta government so generous, what international objections arose, what impact did that have on the final design of the pulp mills," Dr Urquhart says. "As much as anything, what we wanted to do was underline

the sorts of conditions under which governments make decisions."

The Klein government is on public record about making changes to financial assistance for companies, but that doesn't mean the mills won't ask.

"Pulp and paper is one of the most cyclical industries in the world," notes Dr Pratt. "Companies will be coming, cap in hand. These are the mainstays of communities such as Athabasca and Peace River."

Dr Urquhart is in agreement. "These companies will eventually ask for more assistance. Given the jobs and economic impact, there will be pressure to comply."

The book is intended to educate the voting public so people can better assess the political decisions that will be made. The book presents good "academic" arguments in a way that makes them clear to the lay person.

*The Last Great Forest: Japanese Multinationals and Alberta's Northern Forests* is in bookstores now.

## CURRENTS

### Canadian Federation of University Women Edmonton

The CFUWE's Academic Awards Committee's annual general meeting will be convened 16 January at 7:30 pm at the Faculty Club. Scholarship winners will address the meeting. All women university graduates are welcome. For more information, call 435-1398.

### CaPS offers tripleheader

CaPS (Career and Placement Services) has lined up three events for 18 January. An All-Disciplines Career Fair will take place from 10 am to 4 pm in Dinwoodie Lounge (2nd floor, SUB). It's an opportunity to meet employers and view presentations. Dressing with Confidence, hosted by Braemar, Tip Top Tailors and CaPS, will be presented in 214 SUB at 9 am. Also in 214, at 1:15 pm, is a CaPS-hosted presentation aimed at increasing people's understanding of the labour market. Each event is free.

### Teeth cleaning for students

Get your teeth cleaned for \$20.

That's what the Faculty of Dentistry, Dental Hygiene Division, is offering U of A students, full- and part-time, with a valid student card, effective immediately.

The fee, about half the regular charge, covers the full range of dental hygiene services. By appointment only, those interested are asked to call 492-4458 or 492-4151 between 8:30 am and 4:30 pm weekdays.



University  
of  
Alberta



# University welcomes new President

## Installation of Rod Fraser set for 20 January

By Folio staff

At the stroke of midnight on New Year's Eve Rod Fraser went from President-elect to President. He moved into 3-1 University Hall on 3 January and immersed himself in the process of leading the University of Alberta.

One of his first tasks is to appoint a successor to John McDonald, the former Vice-

President (Academic). Other priorities include the integration of dental education within a restructured Faculty of Medicine and preparing for the launching of a major fundraising campaign.

A red-circled date on Dr Fraser's calendar is Friday, 20 January. At 2 pm that day, in the Jubilee Auditorium, he will be in-

stalled as the 11th President and Vice-Chancellor of the University of Alberta. Chancellor Lou Hyndman will preside.

For distinctiveness and colour, the installation and the events surrounding it should rival "West and North", the Norman Yates mural on the north face of the Education complex. Here are the Installation Week events that everyone can attend (admission is on a first-come, first-served basis unless otherwise noted):

## President of Nagoya University one of many special guests

Guests will be coming from far (Nagoya, Ottawa, Stanford University) and near (Alberta Legislature Building) for the installation of President Rod Fraser.

Hiroshi Kurimoto, president of Nagoya University of Commerce and Business Administration, and a longtime friend and supporter of the University of Alberta, will attend the 20 January ceremony in the Jubilee Auditorium. So too will the Honourable Anne McLellan, Minister of Natural Resources; distinguished alumnus Richard Taylor, who won the Nobel Prize for Physics in 1990; and the Honourable Gordon Towers, Lieutenant Governor of Alberta.

Dr Fraser, an Albertan who returns to his alma mater after being on the faculty of Queen's University since 1965, will see at least two familiar faces in the audience: Agnes Benidickson and William Leggett, Chancellor and Principal, respectively, of Queen's University. Also coming from Ontario is Arthur Kroeger, Chancellor of Carleton University. Other out-of-province guests are Don Wells, president of the Uni-

versity of Regina, and Ted Turner, Chancellor of the University of Saskatchewan.

Alberta's postsecondary education system will be represented by Richard Aberg, Chair of the Governing Council of Athabasca University; Fred Carnew, director of Maskwachees College, Hobbema; Murray Fraser, president of the University of Calgary; Gerry Kelly, president of Grant MacEwan Community College; Richard Kraemer, president of Concordia College; Rev Dr Christopher Levan, principal of St Stephen's College; Doug MacRae, president of Keyano College; Paul Siewert, president of North American Baptist College; Rev George Smith, president of St Joseph's College; and Henk Van Andel, president of King's University College.

Edmonton Aldermen Leroy Chahley and Patricia Mackenzie, Millwoods MLA Don Massey, and Edmonton Strathcona MP Hugh Hanrahan will also attend, as will Richard Fisher of the US Consul in Calgary.

Many institutions have also arranged for a member of their alumni to represent them and bring greetings.

## Parking money being donated to Library

When Allan Mah heard opportunity knocking, or, more precisely, clinking and rustling, he didn't hesitate.

With some 2,500 visitor parking spots expected to be in use at the time of President Rod Fraser's installation, Mah, Manager of Parking Services, thought it would be good to donate all the coinage and bills to the Library in support of various areas of research excellence.

People who use the various parking facilities between noon and 9 pm on 20 January will get a note to this effect, along with some information on the Library.

We'll be buying extra collections materials, says Merrill Distad, Assistant Director Library Development and Public Relations.

Meanwhile, while the Library is supposed to be (and almost always is) a quiet place, staff can be forgiven for singing the praises of Parking Services.

*Students, Non-Academic Staff and Alumni are invited to the installation of*

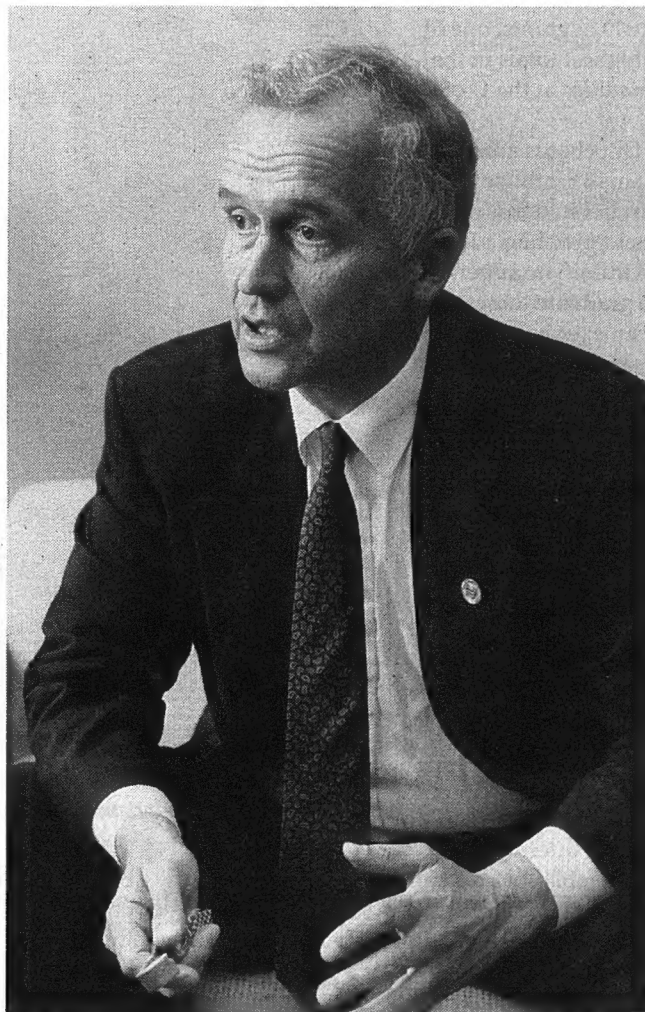
## Dr Roderick Fraser as the 11th President and Vice-Chancellor of the University of Alberta

20 January 1995, 2 pm  
Northern Alberta Jubilee Auditorium

Tickets\* are available at SU Info Booths in SUB, CAB, or HUB, or at the Office for Students with Disabilities\*, 300 Athabasca Hall, TTY 492-7269

\*subject to availability

\*for sign language interpretation at the ceremony



■ 16 January, noon-1 pm, Research Makes Sense Forum. Host: Martha Piper, VP (Research). Alumni Room, SUB.

■ 16 January, 3-5 pm, Pizza with the President, Chancellor, and Chair of the Board. Host: Gold Key Society. Alumni Room, SUB.

■ 17 January, 3 pm, "Images and Measurement: The Future of the Profession" (cross-campus forum). Speaker: Lynn Penrod, president, Social Sciences and Humanities Research Council of Canada. Host: Academic Staff Association. 231 Electrical Engineering Building.

■ 18 January, 10 am-4 pm, All Disciplines Career Fair. Host: Career and Placement Services. Dinwoodie Lounge (2nd floor SUB).

■ 18 January, noon-2 pm, Meet the President Forum. Host: Non-Academic Staff Association. Convocation Hall.

■ 19 January, 3:30-5 pm, "Learning and Teaching in the 21st Century" (interactive video/multimedia presentation). Host: Alternative Delivery Initiative. Speakers: Edo Nyland, Department of Physics, and James O'Donnell, University of Pennsylvania Classicist. 105 Physics Building.

■ 20 January, 2 pm (in conjunction with installation), Coat of Arms Exhibit and U of A Traditions Exhibit. Hosts: Museums and Collections Services and Department of Human Ecology, respectively. Jubilee Auditorium.

■ 20 January, 6 pm, Open Track and Field Meet (Canada West and invitational). Host: Golden Bears (Athletics). Butterdome.\*

■ 20 January, 6 pm, Pandas Basketball (vs UBC). Host: Pandas (Athletics). Main Gym.\*

■ 20 January, 7:30 pm, Bears Hockey (vs Lethbridge). Host: Golden Bears (Athletics). Clare Drake Arena.\*

■ 20 January, 8 pm, Bears Basketball (vs UBC). Host: Golden Bears (Athletics). Main Gym.\*

■ 20 January, 9 pm-1 am, President's Installation Dance with the Music of Aura. Host: U of A Dance Club. Dinwoodie Lounge. (By invitation only.)

■ 20 January, 10 pm, Opening of Renovated Power Plant. Host: Graduate Students' Association. North Power Plant. (By ticket only, 492-2175.)

■ 23-27 January, Passport to Excellence (Research venues). Host: Non-Academic Staff Association and VP (Research). Multiple campus venues.

■ 21 January, 7 pm, Music at Convocation Hall (Music Faculty Members plus Lecturer Wesley Berg and Guest Host John Hanlon of CBC's "Wild Rose Country"). Host: Department of Music. Convocation Hall. (By ticket only, 492-0601.)

■ 24 January to 3 February, 9 am-4 pm daily, Monday to Friday, Exhibition, "The Commonwealth Print Portfolio." Host: Museums and Collections Services. International Centre Lobby.

■ 27 January, 12:30 pm, Official Kickoff to International Week '95. Host: International Centre. Main Floor, Students' Union Building.

\*Tickets at the door or TICKETMASTER.



# Campus networking impresses south of the border

## U of A first non-American university to win CAUSE acclaim

By Folio staff

In winning honourable mention in the competition for the 1994 CAUSE Award for Excellence in Campus Networking, the University of Alberta became the first university from outside the United States to gain such recognition.

Eighteen colleges and universities were in the running for the award, which recognizes "exemplary leadership in campus-wide network planning, management, and

close the financial part of the project by 31 March (total expenditure: \$1.5 million).

"It's nice to stack up well against Penn State, Stanford, and the others," said Will English, Director, Computing and Network Services (CNS).

CAUSE, which is based in Boulder, Colorado, is the association for managing and using information resources in higher education. It sponsored the competition in partnership with Novell Inc.

In describing the award winners' networking endeavours, CAUSE stated: "The University of Alberta plan for networking positions the University for great change in the future. They have used the plan to guide them as they replace older network technologies with modern distributed applications for teaching and learning, research, and support. They have been able to bring a major networking project in on time and under cost and their use of FDDI [fiber-distributed data interface] provides an excellent working model for others. Within the University community, they have helped develop a strong campus awareness of the tools, applications, and services available."

Keith Switzer, CNS's Manager of Client Services, represented the U of A at CAUSE's awards luncheon in Orlando, Florida, last month. More than 2,000 people attended the event. Along with representatives of the other award-winning institutions, Switzer

gave a presentation on the University's new network.

The U of A's application, along with the application of the overall winner, the University of Delaware, and those of the other 16 entrants, will be made available through a special CAUSE Information Resources Library document that CAUSE notes "can be viewed as a set of 'best practices' in higher education networking."

### ADVANTAGES OF THE FDDI NETWORK

- Most people on campus can participate in the client server environment;
- network access to all buildings on the campus utility corridors;
- now able to participate in western Canadian high speed test bed ATM network utilizing the interactive video classroom in 231 Electrical Engineering Building;
- provision of infrastructure that allows for satellite subfeed to Lecture Theatre P126, Physics Building;
- high speed networking to the new IBM Supercomputer (SP2);
- libraries can operate a CDplus server from their facilities and have performance equal to being in the central machine room;
- twenty-seven public labs, containing about 700 machines, can now access the campus network.

**"Within the University [of Alberta] community, they have helped develop a strong campus awareness of the tools, applications, and services available."**

*CAUSE (The association for managing and using information resources in higher education)*

accessibility, as well as effective use of the campus-wide network to enhance teaching and learning, research, and community service."

The U of A was recognized for the installation of a fiber optic backbone network, a three-year project. Save for the new Timms Centre for the Arts, all the point-to-point fiber has been laid. CNS expects to

## For Killam Annual Professor, it's the thought that counts

By Elsa Roehr

"Your course taught me to think for myself." To Peter Schouls, this statement is his most rewarding accolade.

"I take my students where they're at, and respect that, but I teach them to critique their own positions," says Dr Schouls, a Professor of Philosophy. He is excited by helping students develop mature insight; to consider questions about what is, and why it should nor shouldn't be like that.

Probing those questions for himself has resulted in three books and a lengthy list of papers and refereed articles and reviews. It has also earned him a 1994-95 Killam Annual Professorship.

Internationally acclaimed for his scholarship on René Descartes and John Locke, Dr Schouls' book *The Imposition of Method: A study of Descartes and Locke* resulted in a revision of the general history exams at Oxford.

"Clearly, Schouls is viewed by scholars of the intellectual history of the Enlightenment and of early modern philosophy as being one of the true experts in the area," wrote Professor Francis Pelletier of his colleague.

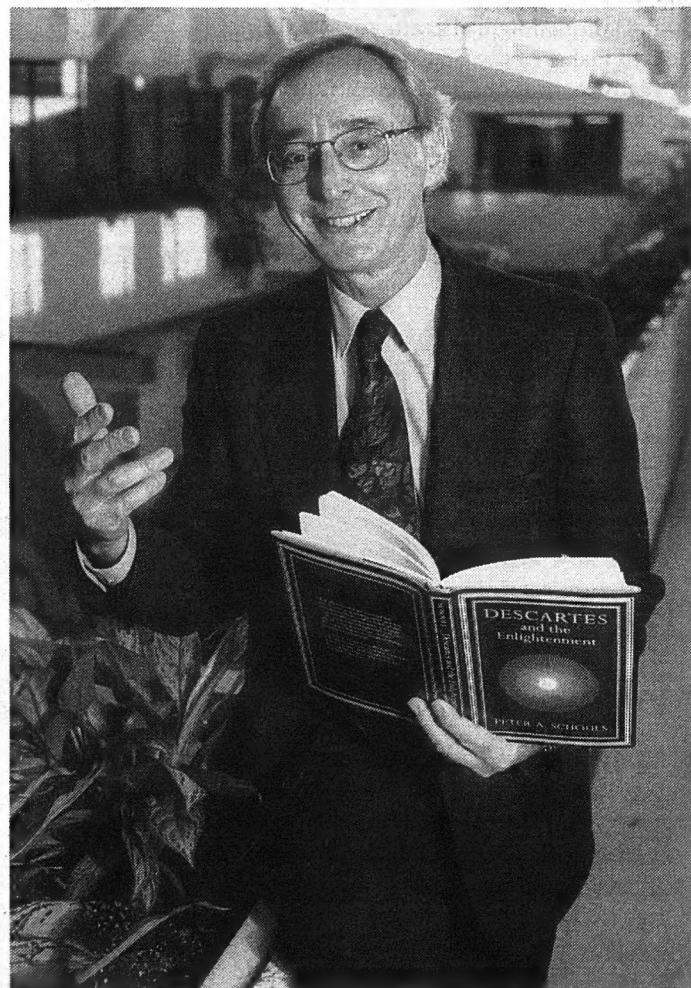
Over the years, Dr Schouls has broadened his interests to include, then move beyond, the wider area of the Enlightenment. He is now writing his fourth book, this one on the philosophical foundations of modern science. Expecting to finish around the end of February, he is already planning his next book, this time on revolution.

Since coming to the University of Alberta in 1967, the Netherlands-born professor has chaired three departments, most recently East Asian Languages and Literatures (now East Asian Studies), preceded by Religious Studies and two nonconsecutive terms as Chair of Philosophy. Along the

way he chaired several department committees, was named a McCalla Professor, and earned a Faculty of Arts Undergraduate Teaching Award. He also received more than \$90,000 in grants, one of the highest totals in the humanities at the U of A.

Dr Schouls admits the small graduate program in Philosophy doesn't give him a lot of opportunity to supervise graduate theses. But an external grant has allowed him to fully support one graduate student. The relationship has prospered: this professor and his student each were responsible for half of a recently presented joint paper. "It was a successful event," says Dr Schouls.

Dr Schouls is kept busy with a constant round of community service as well, serving on boards and committees, and offering his considerable speaking and administrative services. He has been on the senate for the Institute of Christian Studies for 22 years, the last 10 as chair. The ICS is a graduate institute founded to pursue Christian philosophy.



Peter Schouls has written on Descartes and Locke, and his new book, on the philosophical foundations of modern science, is well in hand.

ICS President Harry Fenhout gladly supported the Killam Annual Professorship nomination. He wrote, "I hold Peter Schouls in extremely high regard as a scholar and as a person of deep integrity."

## Residences come under review

### Michener Park the starting point

By Folio staff

The Board of Governors' Finance and Property Committee (FPC) has asked the administration to review all of the University's residences. The purpose of the review is to develop a long-term plan for each of the six residences.

Glenn Harris, Vice-President (Finance and Administration), has asked David Bruch, Director of Housing and Food Services, to lead the review.

"Most of our residences were built more than 20 years ago and some of them present challenges in today's market because of their design and overall condition," Bruch says. "With the present economy, we are suffering vacancies."

Bruch says the Board has a number of these concerns regarding Michener Park and as a result the review will begin with the University's family housing residence.

FPC made the decision to review the University's housing stock in late December. Since then Bruch and the other members of the review team have personally contacted stakeholder groups to explain the reason for the review and to invite their comments. Those contacted include area community associations, the Faculty of Graduate Studies and Research, SU, GSA, NASA and AAS:UA.

GSA President Kim Krushell says she realizes that the University had a deferred maintenance problem, however she says it also has a responsibility to provide family housing for graduate students. "What's most important," says Krushell, "is that stakeholders have an opportunity to participate in coming up with a solution to the problem."

Bruch says he is working hard to make sure that happens. The Michener Park review is expected to be completed by 30 April.

### MICHENER PARK FACTS

- Michener Park was built in response to concerns that University students could not find housing in Edmonton. Phase I was opened in 1967, Phase II in 1970-71.

- Michener Park is one of six U of A student housing locations, the others being: Faculté Saint-Jean, Pembina Hall, Lister Hall, Garneau, and HUB International.

- There are a total of 2,325 housing units with accommodation for 3,631 people.

Michener Park contains 547 units. The breakdown is as follows: row house - 2-bedroom, 269; row house - 3-bedroom, 16; walk-ups, 60; Galbraith House, 160; Vanier House, 42.

- Those occupying Michener Park are mostly graduate students and students with families.

- The presence of Michener Park has been a factor in recruiting graduate students. Students who choose to live in Michener park do so because of the quality of residence life, not because of the quality of accommodation.

- The Michener Park vacancy rate as of 1 December 1994 was 21 percent. The average vacancy rate for campus housing units is 10 percent.

- A residential upgrading plan developed in 1992 estimated that it would cost \$9.9 million to renew Michener Park's housing facilities for another 25 years.



# FOCUS ON Faculties

**Sixth part of a 16-part series on the University of Alberta's Faculties. Next: Faculty of Pharmacy and Pharmaceutical Sciences.**

## FACULTY FACTS

**History:** The first classes of the new University of Alberta's first Faculty, Arts and Science, started in 1908 in borrowed quarters in the Victoria High School. Separated from Science in 1962, today Arts is the most diverse Faculty on campus. Its 17 departments cover disciplines as varied as economics and drama, political science and linguistics, women's studies and music. Faculté Saint-Jean offers a number of Arts courses in French. Arts is undergoing continuing restructuring and by 1 April will consist of 14 departments and one Program.

**Departments:** Anthropology; Art and Design; Comparative Studies of Literature, Film and Religion\*; Drama; East Asian Studies; Economics; English; Germanic Languages\*; History and Classics; Linguistics; Music; Philosophy; Political Science (includes Canadian Studies); Psychology; Romance Languages\*; Slavic and East European Studies\*; Sociology; Women's Studies Program. The Faculty also houses the Student Program Office, the Language Research Centre and the Art Store.

\* Effective 1 April 1995, these departments will be merged into the Department of Modern Languages and Comparative Studies

### Degrees offered:

**Undergraduate:** BA; BA (Criminology); BA Honors; BDesign; BFA (Art and Design); (Drama-Acting), (Drama-Theatre Design); BMUS

**Graduate, Master's:** MA (Anthropology), (Art and Design), (Comparative Studies of Literature, Film and Religion), (Drama), (Economics), (English), (Geography), (Germanic Languages), (History and Classics), (Linguistics), (Philosophy), (Political Science), (Psychology), (Romance Languages), (Slavic and East European Studies), (Sociology); MDes; MFA (Art and Design), (Drama); MMus (Music)  
**Graduate, Doctorate:** PhD (Anthropology), (Comparative Studies of Literature, Film and Religion), (Economics), (English), (Germanic Languages), (History and Classics), (Linguistics), (Philosophy), (Political Science), (Psychology), (Romance Languages), (Slavic and East European Studies), (Sociology); DMus (Music)

**Projected operating budget, 1994-95:** \$40,539,219

**Enrollment:** Undergraduate students: 5,140  
Graduate students: 808

**Academic staff:** 405.01 (FTE, including APOs)

**Support staff:** 107.65 (FTE)

**Prominent alumni:** Doris Anderson, Pam Barrett, Nancy Betkowski, Marjorie Bowker, Joe Clark, Bill Grace, Lou Hyndman, Arthur Kroeger, Peter Loughheed, Maxwell Martyn, Graeme McDonald, Roland Michener, Rudy Wiebe, Aritha Van Herk

## Change is the only constant at Arts

*Celebrating success, planning for the future*

By Folio staff, with contributions from Arts

Last year was a banner year for the oldest and largest Faculty in the University.

In each of the Faculty's three divisions—Social Sciences, Humanities and Fine Arts—major achievements and recognitions were logged, creative engines purred, and exciting plans for development moved forward.

Among the internal achievements were two Rutherford Teaching Awards, a University Professorship and a Kaplan prize. Externally, there were the Molson Prize; a second Governor General's Award for Fiction; three new Royal Society of Canada fellowships; a Rhodes scholarship (and another this year); an appointment to the Canadian Institute for Advanced Research; and the only Major Collaborative Research Initiative Grant awarded this year to a university in English Canada.

The Faculty and the University are moving steadily to provide better and more up-to-date facilities and programs for Arts stu-

**"We are constantly adjusting the curriculum to meet current needs. We are particularly keen on our efforts in the field of cooperative education. We aim to give our students the best access to education."**

*Mohan Matthen, Associate Dean of Fine Arts and Humanities*

dents. The Timms Centre for the Arts, which opens in March, will provide a superb facility for educating professionals for every aspect of the theatre industry.

The University of Alberta's range and depth already make it a leading Canadian university in the study of languages and cultures. The Computer Assisted Language Laboratory in the Arts Building gives an

added technical edge in language instruction.

This year of productivity and achievement was also a year cut across by budget-driven changes: by the end of the 1994-95 academic year, the Faculty will have six fewer departments than in 1993-94. While some mergers are unmixed blessings, others can exact a high cost in morale.

"But," says the Dean of Arts, Patricia Clements, "we have outstanding academic staff. We have been hiring the best new scholars, and they have joined our distinguished, established scholars to create an Arts Faculty of exceptional creative power. I would put us in the top three Canadian centres for the study of society, culture and arts, with exciting and imaginative work of the highest quality in all three of our divisions."

"Many of our departments are fully competitive with any on the continent, and my colleagues conduct their work collaboratively on the international stage. Students graduating from our programs represent an important voice in our national life: in academia, in politics, in business, in the professions. What has been achieved here since the 1960s is thoroughly remarkable."

Still, making the shoe fit in 1995-96 will be an unprecedented challenge for Arts. Budget cuts here, as elsewhere in the University, threaten every aspect of the Faculty's mandate. Continuing reductions in academic staff could impair the Faculty's ability to meet the challenges of accessibility and quality.

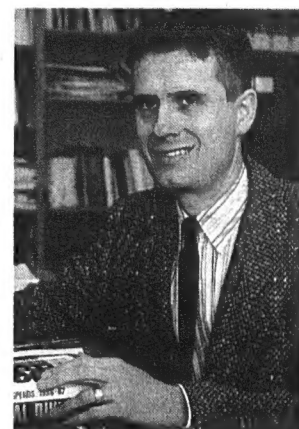
The key challenges are:

- How to keep the disciplines strong in the face of declining budgets?
- How to keep the environment friendly to first-rate work in teaching and research?
- How to meet the challenge of accessibility?

*Bill Connor, Associate Dean (Academic Programs and Undergraduate Studies), says setting priorities is one strategy for meeting the challenges in Arts.*



*Allan Tupper, Associate Dean (Research, Graduate Students and Planning), says departments in Arts are devising the best, most efficient ways to offer courses.*



• How to continue to provide essential teaching to the other Faculties with which Arts is a partner in education?

• How to help students prepare for an increasingly tough job market?

What are some of the Faculty's key strategies?

"Like every other Faculty, we have been setting priorities," says Bill Connor, Associate Dean for Student Programs. "We have been streamlining, identifying many small ways of contracting costs, and of getting full use of our capacity."

Allan Tupper, Associate Dean for Research and Planning, points out that, in the

*Continued on page 6*

## 1994 a vintage year for Arts

Prestigious awards and personal accomplishments focused local, national and international attention on the Faculty. It was recognition in which the whole campus shared.

The Molson Prize is awarded to only one Canadian each year for outstanding achievement in the social sciences and humanities. Juliet McMaster, Department of English, accepted that honour in 1994. Three Arts professors were named fellows of the Royal Society of Canada: Susan McDaniel and Derek Sayer (Sociology) and Gordon Moyles (English). Michael Asch (Anthropology) became a member of the Canadian Institute for Advanced Research.

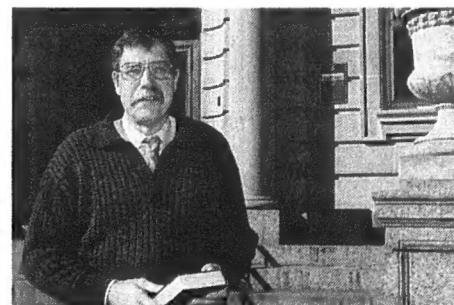
Rudy Wiebe, Emeritus Professor of English, earned a second Governor General's Award for Fiction, this time for his novel *A Discovery of Strangers*. Peter Meekison (Political Science) received the Lieutenant Governor's Award for Excellence in Public Administration.

And Arts attracted the largest Social Sciences and Humanities Research Council of Canada (SSHRC) grant in the University's history. An international research team that includes Dr Clements, Isobel Grundy (English), David Miall (English) and Humanities Computer Coordinator Terry



*Michael Asch (Anthropology) became a member of the Canadian Institute for Advanced Research.*

*Edward (Ted) Blodgett was named University Professor of Comparative Literature.*



Butler will use the \$1.5 million grant to explore women's writing in the British Isles.

The teaching and research excellence of Arts staff attracted campus recognition, too. Linda Woodbridge (English) and Bruce Wilkinson (Economics) earned Rutherford Awards for Teaching Excellence, Doug Owrarn (History) earned the Kaplan Award for Excellence in Research, Richard Young (Romance Languages) and Peter Schouls (Philosophy) were named Killam Annual Professors, and Ted Blodgett (Department of Comparative Studies of Literature, Film and Religion) became a University Professor.

The well-deserved reputations of some staff brought them new, off-campus challenges. SSHRC appointed Lynn Penrod (Romance Languages) as its president; the Royal Society named English Professor Shirley

Neuman as its new president of Academy II. Dr Clements was appointed to the Council of SSHRC and Dr Meekison continues to serve as a member of the Royal Commission on Aboriginal Peoples.

And, recognizing the practical applications of scholarship, Alberta's Premier Ralph Klein asked Allan Tupper (Political Science), Ken Norrie (Economics) and Paul Dube (Romance Languages) to advise his government on constitutional matters.

Nor were the accolades confined to professional staff. One of the University's two 1994 Rhodes Scholars, Jasmine El-Nahhas (Political Science) is now at Oxford; next year she will be joined by the recently-named 1995 Rhodes Scholar, Natasha Affolder (History).



# University Design Incorporated established to boost U of A pride

**Gleynda Mattheys appointed managing and marketing director**

By Michael Robb

**M**ove over Michigan. The University of Alberta wants a bigger slice of the market.

With the establishment of University Design Incorporated (UDI) and the recent appointment of Gleynda Mattheys as its managing and marketing director, University officials are hoping the University names, marks and logos will push all other insignia to the margins.

UDI has been given the mandate to promote the University of Alberta, create an increased awareness in the community and generate additional revenue from the sales of University crested products. "The opportunity exists for increasing the recognition of the University through raising the pride and spirit within our community," says Vice-President (Finance and Administration) Glenn Harris.

Mattheys says the campus is an obvious market to expand, and the outside markets are as yet untapped. Locally, United Cycle markets some U of A crested merchandise, and UDI is hopeful it can establish license agreements with various manufacturers locally and nationally.

"We see UDI as a value-added service to the University," says Jamie Fleming, Director of the Investment and Real Estate Office. "In the short run we hope to cover our costs, but in the longer run we hope to make some money. From little acorns big oaks grow," he said, noting that some of the larger American universities make substantial amounts of money from the sale of their crested merchandise.

"We will never be a Notre Dame," he said, but the University can expand its sales for crested merchandise. Both Fleming and



Gleynda Mattheys, University Design Incorporated Managing and Marketing Director

Mattheys believe there is a largely unexploited market off campus.

Licensing fees and royalties will be paid by individuals and groups who reproduce the University's trademarks. That money will be funnelled back into University coffers. The industry standard is about 6 1/2 to 7 1/2 percent, explains Mattheys, but some larger American universities have royalties in the neighbourhood of 20 percent when multiple logos and marks are used.

"The Bookstore, Alumni Association, Students' Union and Athletics have done a fabulous marketing job to date, and had a lot of success in creating an awareness in the marketplace," Mattheys says. "I want to foster those relationships between those players for increased future success."

"My role is to help them increase the awareness and sales of their products and public image."

## Graduate Studies Dean chosen for Governor General's Canadian Study Conference

By Folio staff

**M**urray Gray, Dean of the Faculty of Graduate Studies and Research, has been chosen to participate in the 1995 Governor General's Canadian Study Conference.

The conference is a registered nonprofit organization designed to improve the decisionmaking abilities of aspiring leaders and to broaden their understanding of Canada. Labour-management issues is the conference's focal point.

Participants are typically people in the mid-way point of their careers who have been identified by their organizations as likely candidates to occupy high senior level positions in the future. Fifteen people are normally chosen from across Canada.

The fourth Canadian Study Conference will be held in June and will tour the provinces and territories for three weeks. This year's theme is: "The employee and employer: redefining the working relationship for a better Canada." Participants will explore employment and management relative to their impact on the labour force, labour movements and society as a whole.

The conference will be chaired by Paul Tellier, president and chief executive officer of Canadian National.

## Focus on Faculties

Continued from page 5

past three years, the Faculty has eliminated more than 100 program specializations and three degree programs. Departments are in an ongoing process of soul-searching as they devise the best and most efficient ways to offer courses. The Faculty is exploring new technologies for program delivery and is examining new partnerships with other campus units, the University of Calgary and other universities.

"We are constantly adjusting the curriculum to meet current needs," adds Mohan Matthen, Associate Dean of Fine Arts and Humanities. "We are particularly keen on our efforts in the field of cooperative education. We aim to give our students the best access to education ... and to work after the BA. That goal is behind our joint language-culture programs with [the Faculty of] Business in Japan, China, German, and Latin American Studies. It's behind the Department of Art and Design's new Design Pathways proposal. We are now launching a new program in Latin American Studies—NAFTA does not leave its relevance in doubt—and we are proposing an MA in East Asian Studies."

Of course, when times get tough, the arts are always suspected of being, in some way, not practical. But Dr Clements says this is a dying mythology, especially in the current market.

The kind of education a BA provides—literacy, articulacy, analytic ability, communication skills, a broad knowledge of social

and cultural matters, the ability to reorient swiftly in changing situations—is both a foundation for living and learning, and a base for continuing career change and development.

"The business community knows this," says Gurston Dacks, Associate Dean for the Social Sciences and Interdisciplinary Studies. "It says so. And we are listening."

Let there be no doubt: at the core of the Arts Faculty are the human issues and the contributions that the social sciences, humanities and fine arts make to those issues. We are moving rapidly into a technologically-induced social change, perhaps even a revolution, and informed judgment on human issues is crucial.

"The broad education of an Arts degree and a strong community of scholars in the arts are essential to the quality of life, the quality of public discourse and the humanity of social planning," says Dr Clements. "There has hardly been a time when we have needed these things more."

In *Up the University: Recreating Higher Education in America*, Robert and Jon Solomon write: "The proper measure of the quality of education is a happy, productive life full of learning and the love of learning, the enjoyment of books and a joy in ideas and lively conversation."

Dr Clements supports this view: "This is what the Arts Faculty wants its students to have; this is what it produces for the people who sustain it."

### MORE FACULTY FACTS

- In the 1993-94 academic year, Arts averaged 31,977 course registrations *per term*.
- The Faculty's 5,823 student enrollments last year was higher than the total enrollments of many Canadian universities.
- Together, the Faculty's 17 departments and its Women's Studies Program embrace the distinct contributions of the social sciences, the humanities and the fine arts.
- Arts provides extensive "service" teaching to the University, and extensive community service to the province of Alberta.
- It is a major North American source of scholarship in several important areas.

**Mandate:** • To offer a variety of programs leading to a degree in Arts.  
• To teach students in almost every other Faculty in the University as part of its "service" commitment  
• To do research and graduate teaching of the highest quality  
• To be a strong voice in the international scholarly community

### Leadership:

Dean, Patricia Clements  
Executive Assistant to the Dean, Mary Delane  
Associate Dean (Humanities and Fine Arts), Mohan Matthen  
Associate Dean (Social Sciences and Interdisciplinary Studies), Gurston Dacks  
Associate Dean (Research, Graduate Students and Planning), Allan Tupper  
Associate Dean (Academic Programs and Undergraduate Studies), Bill Connor

	Teaching FTEs
Chair, Anthropology, D Lubell	17.67
Chair, Art and Design, D Rochfort	22.00
Acting Chair, Comparative Studies of Literature, Film and Religion, E Neumaier-Dargyay	15.50
Chair, Drama, D Barnet	17.00
Chair, East Asian Studies, R Lynn	9.50
Chair, Economics, M McMillan	31.94
Chair, English, S Neuman	62.57
Chair, Germanic Languages, M Prokop	9.00
Chair, History and Classics, D Hall	38.20
Chair, Linguistics, G Libben	7.83
Chair, Music, W Berg	20.33
Chair, Philosophy, C Wilson	17.20
Chair, Political Science, T Keating	25.10
Chair, Psychology, E Lechelt	16.17
Chair, Romance Languages, R Thornberry	24.00
Chair, Slavic and East European Studies, K Holden	10.50
Chair, Sociology, B Abu-Laban	34.99
Acting Chair, Women's Studies Program, S Jackel	3.33



# Cooper appointed to Chair in Accountancy

## Senior position supported by Certified General Accountants of Alberta

By Folio staff

David Cooper has been appointed to the Certified General Accountants of Alberta Chair in Accountancy. A Professor of Accounting and Management Information Systems, Dr Cooper is the first holder of the permanent Chair.

Dr Cooper will be expected to provide intellectual leadership in research and teaching in the department and the Faculty, and leadership in interacting with the business and professional communities.

A graduate of the London School of Economics (BSc) and of the University of Manchester (PhD), he was appointed to the U of A's Faculty of Business in 1989. He is a leading researcher in interdisciplinary and critical studies in accounting, has written seven books and more than 40 articles and is joint editor of the international journal *Critical Perspectives on Accounting*.

In 1993-94, Dr Cooper was a McCalla Professor, a nine-month, research-oriented appointment. Intrigued by accounting firms' continued expansion into new geo-

graphic markets, he notes that such expansion has implications for the firms themselves, for example, about the mechanisms of investment, including direct investment, joint ventures and arrangements with local firms; and methods of control and coordination, for example, quality control, human resource management, transfer pricing and strategic management. Dr Cooper's work is part of a major project funded by SSHRC and involving Professors John Brown, Royston Greenwood, Bob Hinings and a number of doctoral students in the Faculty of Business. Their work forms the core of the Emerging Area of Excellence recognized recently by this University.

Dr Cooper points out that the expansion is also of concern to host countries in terms of the control of these firms, the importation of Anglo-American accounting and their economic and social policies.

Having studied the operations and strategies of multinational accounting firms and the investment decision to open

offices in new countries, he plans to investigate the role (if any) of host governments and professional bodies of accountants in facilitating and/or constraining their international expansion.

"When expanding internationally—often to serve existing clients—accounting firms also desire an institutional and professional structure in the new countries of operation which will enable them to develop the local market for their services," Dr Cooper says. "That suggests the creation and cooperation of local professional bodies in terms of regulations about practice rights, monopoly powers and scope of services."

"An analysis of the interaction between the rules of multinational firms and national professional bodies will enable us to better understand the processes and effects of the internationalization of professional service firms."

## Dentistry stays

By Folio staff

Dental education will remain following the Board of Governors' decision on Friday, 13 January, to integrate oral health sciences within a restructured Faculty of Medicine.

President Rod Fraser says, "The integration promises to provide the University with an opportunity to play a leadership role in the development of a program that will be at the forefront of dental education in Canada."

"This is good news for Alberta students who want access to a dental education at home," says Board Chair John Ferguson. "The integration will enhance dental teaching and research programs at the University while, at the same time, resulting in significant savings."

The integration means a targeted base savings of \$2.5 million.

A working group will develop a detailed integration proposal by April. The plan will go to the Board for approval in June 1995. The Board is expecting the integration to be complete by April 1996.

# Professor Emeritus John Dossetor appointed Officer of the Order of Canada

## Medical ethicist recognized for his longstanding contributions

By Michael Robb

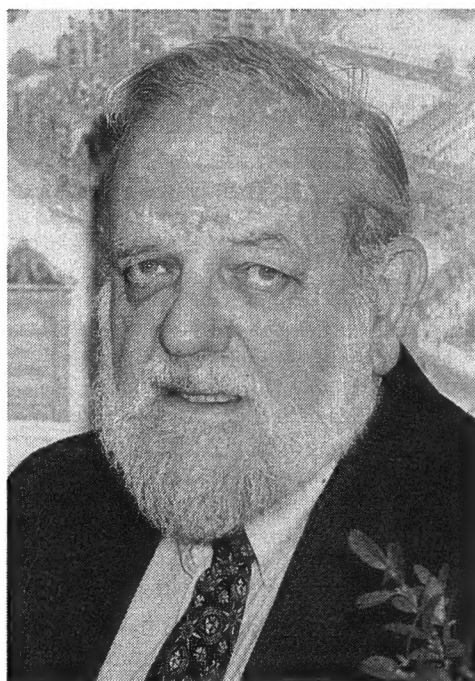
Professor Emeritus John Dossetor, Director of the Bioethics Centre, has been appointed an Officer of the Order of Canada.

The Order of Canada recognizes the achievements and service of Canadians in various fields, including the arts, sports, business, politics, charitable work, medicine and science. Dr Dossetor was recognized for his work in medicine and bioethics.

"I feel very happy about this," he said last week, admitting, however, that he was uneasy knowing that there are so many other individuals equally deserving of the prestigious award. "How do you choose one person over another?"

For the past decade, Dr Dossetor has been one of the nation's leading scholars in the emerging field of medical ethics. Prior to that, he studied kidney failure. In 1961, he was appointed director, Renal and Urologic Research, at the Royal Victoria Hospital, Montreal, where he was responsible for dialysis and the medical aspects of renal transplantation. In the mid-'60s, the Royal Victoria series of cadaver-donor transplants was the second largest such series in the world.

In 1969, Dr Dossetor began his association with the University of Alberta, taking up the appointment of Professor of Medicine and Director of the Division of



John Dossetor, Director of the Bioethics Centre

Nephrology and Immunology. A year later, he was appointed chairman and co-director of a research group in transplantation established by the Medical Research Council of Canada.

In 1984, he decided to focus his work more heavily in the area of bioethics. Dur-

ing a study leave in 1985-86, he studied bioethics at institutes in Montreal, New York and San Francisco, and returned to launch a joint faculties bioethics project at the University of Alberta and University of Alberta Hospitals.

Treating chronic kidney failure is fraught with life and death decisionmaking, he explains, and a lot of ethical problems arise. In 1984, a "trigger event" forced Dr Dossetor to do a great deal of soul-searching. Ike Bryldt, a patient who had been on dialysis for four years, wrote to the *Edmonton Journal*, offering \$5,000 to anyone who could donate a kidney. "That put us on the spot," explains Dr Dossetor. Clearly, it would have been against the law. Then, the patient asked the team of specialists to perform the operation if someone donated a kidney free of charge. At the time, more than 300 people in this province alone were waiting for kidney transplants. The specialists said no.

The event attracted national attention. "It was certainly one of the key events that started me to be more introspective," says Dr Dossetor, 69, who will step down as Director of the Bioethics Centre in June.

In 1990, he was appointed Director of the Faculty's Division of Medical Ethics. He is a past president of the Canadian Bioethics Society.

# Chemical Institute of Canada honours Dalla Lana

## Presents Catalysis Award to Chemical Engineering Professor Emeritus

By Folio staff



Ivo Dalla Lana

The Chemical Institute of Canada has presented University of Alberta Chemical Engineering Professor Emeritus Ivo Dalla Lana with The Catalysis Award.

The award is presented to people who make distinguished contributions to the field of catalysis research. Dr Dalla Lana's contributions in the field of heterogeneous catalysis have extended over 25 years.

He is well known among his peers for his pioneering work on the use of infrared spectroscopy for studying reaction processes on catalyst surfaces, and his explanation of processes occurring during the complex claus reaction. More recently, his research group has helped to clarify some of the fundamental chemical and physical factors involved in ethylene polymerization on Cr/silica catalysts in slurry reactors.

## RESEARCH PROPOSALS ON IMPAIRED DRIVING INVITED

The Department of Sociology invites research proposals to carry out studies on any aspect of impaired driving. Interest from an endowment made by REID (Research and Education on Impaired Driving) and matched by the provincial government will be used to fund the successful research proposal(s). The

maximum amount available this round is about \$13,500 which may be used to fund one research project; or divided between two (or more) smaller projects. The competition will be adjudicated by a panel of five (three from the University and two from the contributing organization). The competition

is open to any University member conducting research relating to impaired driving.

Proposals should be forwarded to: Baha Abu-Laban, Chair, Department of Sociology, University of Alberta, 5-21 Henry Marshall Tory Building. The competition closes 28 February.



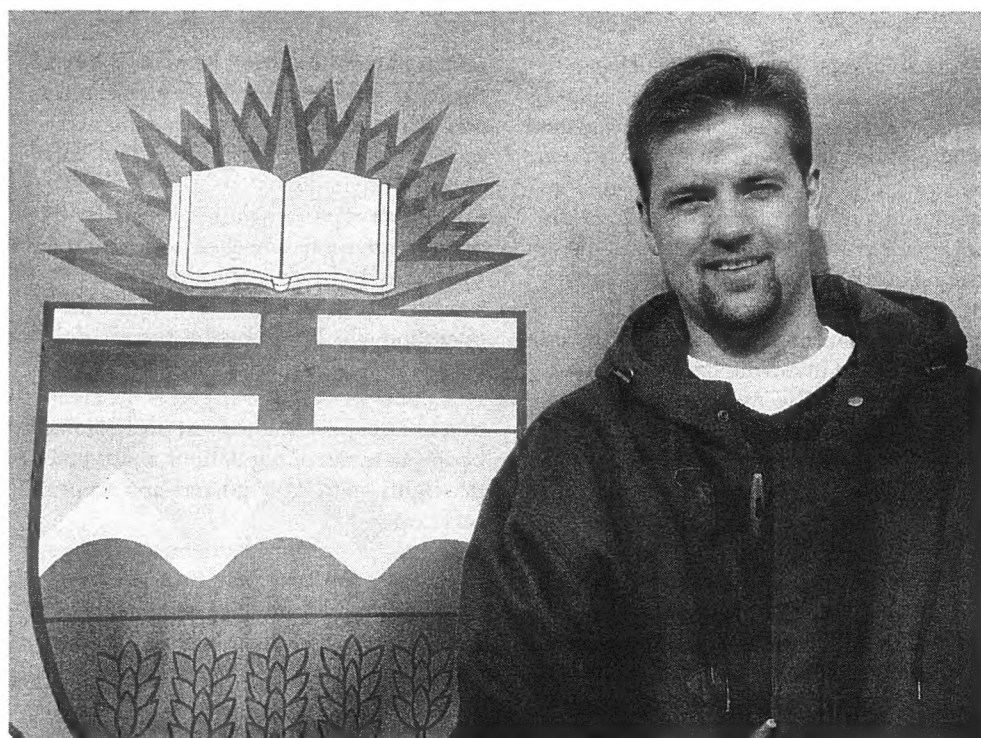
# 'Don't just go to class, go to University': one student's story

By Astrid Sneddon

Ask Gavin Mills about what he has gained from volunteering, and he brightens. "I wanted to make the University of Alberta my home, not just a place to go to school," says the Education student.

Mills came to the U of A in 1991 after completing his Professional Diploma in Culinary Arts at SAIT and working in Australia for eight months. He spent 1990 in a criminology program at Simon Fraser University, but found himself yearning for the "blue skies of Alberta, where it doesn't rain as much." He joined the Delta Upsilon Fraternity in his first year to turn a campus of 30,000 strangers into a circle of 40 friends. He got involved in the administration of the fraternity right away by becoming the Philanthropic Chairman, which motivated him to continue in other leadership roles. He is now president of Delta Upsilon and is a member of the fraternity's International Board of Governors which makes decisions that affect more than 100 Delta Upsilon chapters.

As the months progressed, Mills found that he was "on campus, but not involved in campus." As a result, he joined Safewalk in 1993 and Students' Orientation Services in 1994, as a way to "give a little more back to the wider campus community." These volunteer experiences left Mills with a deep respect for the U of A and the opportunities it creates for its students. His greatest concern for the University is the budget crunch. As a future alumnus, he intends to support



Gavin Mills: His experiences as a volunteer will stand him in good stead.

the University to help ensure that future students continue to receive a quality education.

When Mills graduates in April, he will leave with more than his Bachelor of Education degree. Being involved in the campus community has taught him about himself and his potential as a leader. He has gained

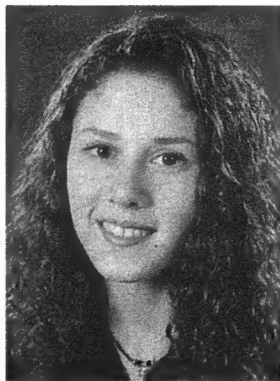
skills in public speaking, interpersonal communication, delegation, and peer management which will certainly aid him in the career path he chooses to pursue. "I am proud to be a University of Alberta student. Aside from all the terrific experiences I have had here, the U of A has some great places to get coffee."

## Chantal Lavoie, lauréate de la Bourse des Soeurs de l'Assomption de la Sainte-Vierge 1994-95

Originaire de St-Isidore, Alberta, Lavoie se destine à une carrière d'enseignante au niveau élémentaire et compte bien travailler au sein d'une école française. Son enthousiasme pour cette profession est évident et l'on sent en elle une grande impatience de se trouver dans une salle de classe entourée d'enfants.

Les goûts de Lavoie sont partagés entre les activités de plein air et, plaisir plus intérieur, la lecture. Elle dit aimer les voyages (surtout par avion) et a bien l'intention de découvrir l'Europe dans un proche avenir.

Lavoie attache une grande importance à la vie familiale ainsi qu'à l'amitié et nous sommes assurés d'avoir dans nos écoles de demain un professeur sensible aux besoins de la jeunesse. Félicitations à Chantal Lavoie pour cette bourse d'un montant de 850\$.



Chantal Lavoie

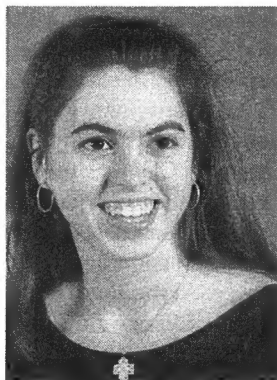
## Claudette Rondeau, lauréate de la Bourse Jean Patoine 1994-95

Cette année, le programme de Sciences de la Faculté Saint-Jean a vu ses effectifs augmenter et Rondeau était parmi les étudiants et étudiantes nouvellement arrivés.

Intéressée par la recherche médicale, Rondeau envisage de poursuivre ses études au-delà du BSc et espère travailler un jour dans un laboratoire. Elle n'est pas sans expérience dans ce domaine puisqu'elle a occupé un emploi d'été dans un laboratoire d'immunologie.

Presque totalement occupée par ses études, Rondeau nous dit ne pas avoir beaucoup de temps pour les divertissements sauf pour la lecture de romans (elle adore la fiction ayant pour point de départ les événements historiques).

Félicitations pour une bourse bien méritée d'un montant de 2,000\$.



Claudette Rondeau

## New engineering scholarships established

By Folio staff

Fifty scholarships valued at \$1,000 each will be offered annually to students entering the Faculty of Engineering.

The Office of Student Awards recently announced the addition of the Faculty of Engineering Entrance Scholarships to the Academic Excellence Scholarship Program.

The scholarships were created by the Faculty's executive coordinating committee through the generous support of the University of Alberta alumni and friends of the Faculty of Engineering. A minimum of \$50,000 a year for five years has been pledged in support of the awards.

The scholarships will be awarded in addition to any other academic excellence scholarships that students receive. Inaugural recipients will be selected in the upcoming academic excellence scholarship competition.

Now in its third year, the academic excellence program has proven itself in attracting outstanding students to the University of Alberta from across western Canada. The recent addition of new scholarships such as the Faculty of Engineering entrance scholarships, the Faculty of Science entrance scholarships and the Alumni Association Academic Excellence Scholarships will enable the Office of Student Awards to offer a greater number of scholarships as well as scholarships of greater value.

The Office is hoping to attract additional donors for the academic excellence scholarship program.

## LAURELS



■ The Alberta Sport, Recreation, Parks and Wildlife Foundation has awarded Bob Hudson (Agricultural, Food and Nutritional Science) \$10,000 to study the habitat requirements of woodland caribou in west-central Alberta. "The number of caribou is alarmingly low," says Dr Hudson, "and accurate information is needed for their management and survival." Graduate student Darin Stepaniuk will assist with the research in the field.

■ A conference grant from the Kress Foundation enabled Nancy Lovell (Anthropology) and Michael Wayman (Mining, Metallurgical and Petroleum Engineering) to travel to Boston where they presented two collaborative papers at the recent conference on "Science and Archaeology: Towards an Interdisciplinary Approach to Studying the Past" at Harvard University. One of the papers was coauthored by Michael Magee, a former student in the Anthropology Department.

■ Elizabeth Dechert, Senior Planning Officer of Planning and Development, has been elected to the College of Fellows of the Royal Architectural Institute of Canada. A Fellowship is the highest honour awarded to an architect in Canada. Dechert is the first graduate from the University of Waterloo to be so honoured.

■ Last fall, the Alberta Museums Association introduced a new category to the awards program that recognizes individuals' work on behalf of the association. One of the first five recipients of the award was Janine Andrews, Director of Museums and Collections Services, and Director, University Information Enterprises. Noting Andrews' committee work, association with advisory groups, presentations at conferences and delivery of training programs, the AMA awarded her its silver pin and a certificate of recognition.

■ In December 1994, Sharwan Kumar (Physical Therapy) visited his alma mater (PhD), the University of Surrey, to accept a DSc degree as a tribute to his lifetime achievements. The DSc degree, which is rarely presented, is awarded to outstanding researchers whose work has produced a significant body of knowledge that has advanced the field. Dr Kumar, who has been at the U of A since 1977, has focused his research in the field of ergonomics (human-work interaction). It is noteworthy in that he has combined epidemiology, biomechanics and exercise physiology to devise strategies to understand and prevent low back pain and injuries. Dr Kumar was honoured to receive the degree from the Duke of Kent, who is Chancellor of the University of Surrey.

■ The Edmonton Construction Association has awarded William Weir, Associate Professor of Civil Engineering, the Claude Alston Memorial Award for 1994. Professor Weir, a past president of the Edmonton Construction Association, will be formally recognized at the Association's annual general meeting, 20 January, for his outstanding service and contributions to the construction industry.



# Sharon Wastle: keeping us in communication

By Dinah Gray

Anniversaries are often times for reflection. Not so, however, for Sharon Wastle, who has just observed her fifth anniversary as the University's Telecommunications Utility Manager.

This is one of the busiest times of the year for Wastle's telecommunications team. They recently compiled a massive amount of information for the University's telecommunications directory and the University's listings for Edmonton's white and yellow pages.

Discussions with Ed Tel concerning the renewal of the Centrex III system are ongoing.

The telecommunications directory and the white and yellow pages projects have evolved over the years to meet the changing communications and information needs of Wastle's clients, who include all users on campus with a telephone number and now an E-mail address. Wastle, who has worked steadily over the past five years to develop a knowledgeable, customer-oriented telecommunications team, believes, "an educated customer is a knowledgeable customer. Our role is to assist users to make educated decisions to meet their specific needs and budget.

"I like to see situations from different perspectives, and teaming up with other groups on campus has really helped me in this job." Wastle says this while pointing proudly to the cover of this year's telecommunications directory which is an artist's rendering of the new Timms Centre for the Arts. Her work with the Department of Drama is an example of how a team approach can help all groups involved achieve their goals. "We needed a cover," says Wastle, "and the new building is an important site to highlight for the 1995 year so it made a perfect match."

Whether it is working on the cover design for the directory or helping her staff advise clients on their telecommunications needs, Wastle's 17 years with the federal government and Bell Canada have given her invaluable experience in the telecommunications industry to draw upon in



Sharon Wastle: Over the past five years she has developed a knowledgeable, customer-oriented telecommunications team.

managing the "mini phone company" at U of A.

Since she has spent her career in the communications industry, it's not surprising that Wastle served as co-chair of the communications group for the 1994 United

Way campaign on campus. The group was responsible for informing the campus on the progress of the campaign. "I really have learned that every person can make a difference," Wastle says of her United Way experiences.

## Rutherford Award for Excellence in Undergraduate Teaching

The GFC Undergraduate Teaching Awards Committee (UTAC) reminds the University community that nominations are now being sought for the annual Rutherford Award for Excellence in Undergraduate Teaching.

The purpose of the Rutherford Award is to recognize excellent teaching, to publicize such excellence to the University and the wider community, to encourage the pursuit of excellence in teaching, and to promote

informed discussion of teaching and its improvement at the University of Alberta.

Nominations are made by Faculties that teach undergraduate students, and information about the nomination procedures and adjudication criteria has been sent to those Faculties. Nominations should be made through a Faculty committee and submitted by the Faculty to the Secretary of UTAC, 2-5 University Hall. Anyone who needs assistance and advice in preparing nominations should contact Ms Bente Roed, Director,

University Teaching Services, 215 Central Academic Building (492-2826). The deadline for receipt of award nominations is **10 February**. In most cases, individual Faculties have established earlier deadlines to allow for internal adjudication procedures.

At least one award, but not more than five, is given annually. The award recipients are publicly recognized at a special occasion and at Convocation. They also receive a memento and a cash prize of \$2,500.

## Instructional Fair '95: call for participants

The Division of Technology in Education will be hosting the Sixth Annual Instructional Fair on the afternoons of 14 and 15 March.

If you are involved in an innovative or development project which makes use of computers, communication, or information technology which you would be interested in presenting at Instructional Fair

'95, we would be interested in hearing from you. Please feel free to suggest others who you feel may be interested in participating as well.

During last year's Instructional Fair, 29 technology-based innovative instructional projects demonstrated examples of communication and information technologies in teaching and learning. Inno-

vative ways of using technology in lectures, small group work, simulations, distance education, and individual study using computers, videotape and videodisc, CD-ROM, compact disc, and telecommunications were presented.

Any enquiries may be directed to Pat Pasos, Division of Technology in Education, 3-102 Education North, 492-3667.

## 1995-96 Killam Annual Professorships Application process

Applications for the 1995-96 Killam Annual Professorships are now available. All regular, continuing, full-time academic faculty members who are not on leave during 1995-96 are eligible to apply. Eight Killam Annual Professors will be selected by a subcommittee of the Killam Trusts Committee; no more than two Professorships shall be awarded to staff members in any one Faculty. Each Killam Annual Professor shall be awarded a \$2,500 prize and a commemorative scroll. The duties of Killam Annual Professors shall not be changed from those that they regularly perform.

The primary criterion for selection shall be a record of outstanding scholarship and teaching over three or more years, as evidenced by any or all of research, publications, creative activities, presented papers, supervision of graduate students, and courses taught. The secondary criterion shall be a substantial contribution to the community beyond the University by linking the applicant's University responsibilities and activities to community needs and/or development.

Awards are tenable for twelve months commencing 1 July 1995. The completed application must be received in the Office of the Vice-President (Research) no later than *Friday, 27 January, at 4:30 pm*. The awardees shall be announced no later than *Friday, 12 May*, and they will be formally recognized at the Killam Dinner in the autumn of 1995 which is hosted by the Faculty of Graduate Studies and Research.

For further information and application forms, please contact Katharine Moore, Executive Assistant, Office of the Vice-President (Research), by phone: 492-0868, fax: 492-1438, or E-mail: kmoore@vm.ucs.ualberta.ca.

## Next faculty concert features voices, sax

The brilliance of the soprano voice and the richness of the baritone will soar to the music of the saxophone at the next faculty concert in the "Music at Convocation Hall" series on 21 January.

Assistant Professor Debra Cairns and Associate Chair Leonard Ratzlaff will lend their vocal stylings, and Associate Professor William Street his saxophone, to works by Derr, Schumann and Ravel.

John Hanlon, host of CBC's "Wild Rose Country", is guest host for this faculty concert. Wesley Berg, Chair of the Department of Music, will present the pre-concert lecture in the Arts Lounge at 7 pm; the performance starts at 8.

Tickets are \$10 for adults, \$5 for seniors and students. All tickets are available in advance from the Music Department or at the door.



# TALKS



## ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

19 January, 8:45 am

Roger Davis, San Diego State University, "Apolipoprotein B Can be Expressed as a Transmembrane Protein Yet Contains Non Predictable Stop Transfer Sequences." 207 Heritage Medical Research Centre.

20 January, 4 pm

John Maggio, Department of Biological Chemistry and Molecular Pharmacology, Harvard Medical School, Boston, "Building  $\beta$ -Sheets on Biological Templates: Amyloid Peptides and Alzheimer's Disease." 2-27 Medical Sciences Building.

## ANTHROPOLOGY

13 January, 3 pm

Margherita Mussi, University of Rome, and David Lubell, "Prehistoric Settlement and Subsistence in Highland Central Italy: Upper Palaeolithic to Neolithic." 14-28 Tory Building.

## CHEMICAL ENGINEERING

19 January, 3:30 pm

DJ Harrison, "Micromachining a Chemical Analysis Lab on a Chip." 342 Chemical-Mineral Engineering Building.

## CHEMISTRY

Fraser W Birss Memorial Lectures.

Robert J LeRoy, Department of Chemistry, University of Waterloo, will speak at the following times on the general topic, "Intermolecular Forces—Nature's Glue." All lectures in E3-25 Chemistry Building.

16 January, 11 am

"Near-Dissociation Theory: How the Tail Wags the Molecule."

17 January, 11 am

"Van der Waals Molecules and Multidimensional Potential Energy Surfaces."

18 January, 2 pm

"Size and Solvation Effects in the Melting of Microclusters."

## ENGLISH

18 January, 4 pm

A panel discussion entitled "In Search of Michel Foucault OR The Passions of the Biographer." Panelists: Chris Gibbin, George Lang and Eva Neumaier-Dargay, standing in for David Macey (*The Lives of Michel Foucault*), Didier Eribon (*Michel Foucault*) and James D Miller (*The Passion of Michel Foucault*), respectively. Moderated by Dianne Chisholm, standing in for Michel Foucault (author of *the biography function*). L-3 Humanities Centre.

## GEOGRAPHY

20 January, 3 pm

Ian Campbell, "ADFA and Oz, Two Months at the Australian Defence Force Academy—What Goes on and Some Scenes of Oz." 3-36 Tory Building.

27 January, 3 pm

Pam Wight, Alberta Economic Development and Tourism, "Sustainable Tourism." 3-36 Tory Building.

## NURSING

16 January, noon

Nanci Langford, "Childbirth on the Canadian Prairies, 1880-1930: The Search for Accountability." 2-115 Clinical Sciences Building.

## PERINATAL RESEARCH CENTRE

17 January, noon

Jeanne Van Der Zalm, instructor, School of Nursing, Royal Alexandra Hospital, "Twin Pregnancy: Maternal Processes." 2J4.02 Mackenzie Health Sciences Centre.

## PHARMACOLOGY

23 January, 1 pm

Bradley J Bolzon, manager, Scientific Liaison, Eli Lilly Canada, and Donald R Gehlert, research scientist, Lilly Research Laboratories, Indianapolis, "Job Opportunities in the Pharmaceutical Industry: an informal forum." 207 Heritage Medical Research Centre.

23 January, 4 pm

Dr Gehlert, "Subtypes of Neuropeptide Y Receptors in the Rat Brain: Search for the 'Feeding Receptor'." 207 Heritage Medical Research Centre.

## PHILOSOPHY

19 January, 3:30 pm

Roger Shiner and Matthew Stephens, "Advertising, Free Expression and the Public Good." L-2 Humanities Centre.

## PHYSIOLOGY

13 January, 3:30 pm

David Cook, "How to Give an Effective Seminar." 207 Heritage Medical Research Centre.

20 January, 3:30 pm

Christina Benjshin, "Characterization of Parathyroid Hypertensive Factor." 207 Heritage Medical Research Centre.

## RENEWABLE RESOURCES

19 January, 12:30 pm

Lenz Haderlein, "Soil Water Dynamics and Water Use Efficiency of Conventional and Alternate Cropping Systems." 2-36 Earth Science Building.

## RURAL ECONOMY

16 January, 3:15 pm

Derek A Parker, "Marginal Value of Soil Quality in Lesotho." 519 General Services Building.

## SLAVIC AND EAST EUROPEAN STUDIES

18 January, 3 pm

Andrij Hornjatkevyc, "Prospects for a Revised Ukrainian Orthography." 436 Arts Building.

## SOCIETY OF EDMONTON

### DEMOGRAPHERS

24 January, noon

Dave Odynak and Colin Reid, "Alberta Fertility: Update." Heritage Room, Main Floor, City Hall.

## SOCIOLOGY

18 January, noon

David Whitson, "The New Economy of Professional Sport." 5-15 Tory Building.

25 January, noon

Marc Epprecht, "The World Bank, Health, and Africa." 5-15 Tory Building.

This symbol denotes environmentally-related seminars/events. If you wish to have an environmentally-related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-6659.

# POSITIONS



The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

## ACADEMIC STAFF

### PROJECT MANAGER

The University of Alberta is a complex, multifaceted teaching and research institution, with total revenues in excess of \$500 million and a working population of 6,000. Over the past two years the University has reviewed its technical and service direction and is now engaged in the implementation of replacement business applications, which feature distributed processing, client-server technology and ORACLE 7.0 RDMS software platform. The initial priority is to replace the four primary applications serving Student, Human Resources, Financial, and Alumni/Development needs. PeopleSoft products have been selected for Human Resources/Payroll and Finance applications.

A challenging opportunity exists as project manager to lead the implementation activities for Human Resources/Payroll applications. The project is broad in scope and will result in the replacement of all existing centrally-located Human Resources and Payroll systems in a systematic way over the next few years. This will be a complex, challenging and exciting task, which will involve re-engineering of the basic processes and a distribution of functions to the desk-top. It will be an essential and integral step in transforming the way Human Resources services are delivered.

The ideal candidate will be a highly motivated professional capable of providing informed and mature leadership to a project of this scope. It will require a good understanding of the technology, the change process, team dynamics and well-developed communication capabilities. Specific experience in Human Resources, Payroll and the PeopleSoft software would be especially desirable. It will be necessary to work cooperatively with teams engaged in implementing other applications, to ensure an integrated suite of applications is implemented.

The successful applicant will be appointed initially for a three-year term. Based on the successful achievement of mutually-agreed goals, the potential exists for an extension or a continuing appointment.

For further information regarding this position, please contact Wally Affolder at (403) 492-0371.

Applications, including résumé and references, should be mailed directly to: Margot McCune, Human Resource Group, University of Alberta, 302 Assiniboia Hall, Edmonton, Alberta T6G 2E7.

## SUPPORT STAFF

To obtain information on support staff positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall. You can also call the Job Information line at 492-7205 (24 hours) or consult the weekly Employment Opportunities Bulletin.

# EVENTS



## EXHIBITIONS

### CLOTHING AND TEXTILES COLLECTION

Until 10 February

"Made in Canada—Women's Factory Clothing 1935-70." This museum exhibit of women's clothing examines the history and characteristics of the Canadian garment manufacturing sector with specific reference to the production of women's wear. The exhibit also discusses the nature of Canadian fashion and the possible effects of recent trade agreements upon the garment industry. Hours: Monday to Friday, 8:30 am to 5 pm. Information: Cathy Roy, 492-3826. Basement, Home Economics Building.

### FAB GALLERY

Until 15 January

"Living Water—Works on Paper—Amy Luke-Loewan." This exhibition is the final visual presentation in partial fulfillment for an MFA in Painting. Gallery hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm; Saturday, Monday and statutory holidays, closed. 1-1 Fine Arts Building.

### McMULLEN GALLERY

Until 2 March

"Tribute—Fifteen Years of Alberta Craft." An exhibition of handmade craft works in a variety of media by 25 artists who were founding members of the Alberta Craft Council. Gallery hours: Monday to Friday, 10 am to 4 pm; Saturday and Sunday, 1 to 4 pm; Monday, Tuesday, Thursday, 6 to 8 pm (subject to availability of volunteers). Information: 492-8428 or 492-4211. Walter C Mackenzie Health Sciences Centre.

## MUSIC

### DEPARTMENT OF MUSIC

21 January, 8 pm

Nicholas Arthur Kilburn Memorial Concert with Debra Cairns, soprano; Leonard Ratzlaff, baritone; William Street, saxophone. There will be a pre-concert introduction and reception at 7 pm. Lecturer: Wesley Berg. Guest host: John Hanlon, host, CBC's "Wild Rose Country." Tickets: \$10 adults; \$5 students and seniors, available at the door. Information: 492-3263. Convocation Hall.





#### ACCOMMODATIONS FOR RENT

**MICHENER PARK** - Two bedroom rowhouses and apartments for rent in University residence located in southwest Edmonton. Excellent bus service to University, utilities included. University inquiries welcome, 492-7044.

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**HOUSE TO SHARE** - Quiet, mature nonsmoker to share charming house with mature female. Near University. \$280/month plus utilities. Available 1 February. 436-0894.

**SHARED ACCOMMODATION** - Windsor Park. Three bedrooms on main floor of house. Fireplace, deck. Mature, nonsmoker. \$425/month plus utilities. 439-8329.

**OLD SCONA**, near U of A - Quiet, large, three bedroom. Main floor. Adults. 101 Street 83 Avenue. \$550/month. 434-6287.

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**SPOTLESS TWO BEDROOM BUNGALOW** - Walking distance to U of A. Remodelled kitchen and four piece bath. Patio doors to huge new deck. Private fenced yard, garage, four appliances. Quiet street. Available 1 March. 435-0628.

**EXECUTIVE HOUSE** for rent. \$1,800/month. Whitemud Creek. Call 988-6835.

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#### ACCOMMODATIONS FOR SALE

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**CARRINGTON PLACE** - Sparkling one bedroom condo with easy access to parking (ground floor unit). Janet Jenner, Spencer Real Estate, 435-0808.

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**PARKALLEN** - Three bedroom charmer. Open basement available for imaginative development as rental units. \$109,000. 437-4982.

**FOR SALE BY OWNER** - Custom two bedroom, two baths. University/Garneau. Immaculate. A well managed, owner-occupied building. Good reserve fund. \$128,500. 469-7515.

**RIVERBEND, NEW LISTING** - Affordable four bedroom, two storey with attached double garage. Family room off the kitchen. Partially developed basement. \$162,500. Marjorie King, 435-0808 or 435-0395, Spencer Real Estate.

**INGLEWOOD** - \$78,000 is the asking price of this character home. Two bedrooms plus a den. Hardwood flooring, new furnace, garage, established neighbourhood. Easy access to all amenities. Early possession available. Marjorie King, 435-0808 or 435-0395, Spencer Real Estate.

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**NOTICE: Proffoff Intensive Journal Workshop**, Levels 1 & 2 with Sr. Virginia Evard. Strawberry Creek Lodge. 24-26 February. Tuition \$125. Accommodation/meals \$118 plus GST (discounts available). Call 432-7582.

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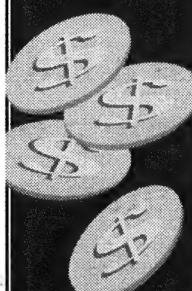
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